### JAP15 Rec'd PCT/PTO 04 AUG 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 00958-06

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	CFR 1.5)					
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 01 February 2005 (1.02.2005) 04 February 2004 (4.02.2005)	)4)					
TITLE OF INVENTION Compounds that Inhibit HIV Particle Formation						
APPLICANT(S) FOR DO/EO/US University of Virginia Patent Foundation, et al.						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. $\overline{X}$ This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. X The US has been elected (Article 31).						
5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a. is attached hereto (required only if not communicated by the International Bureau).						
b. has been communicated by the International Bureau.	b. has been communicated by the International Bureau.					
c. $\overline{\mathbf{X}}$ is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
a. is attached hereto.						
b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a. are attached hereto (required only if not communicated by the International Bureau).	a. are attached hereto (required only if not communicated by the International Bureau).					
b. have been communicated by the International Bureau.	b. have been communicated by the International Bureau.					
c. have not been made; however, the time limit for making such amendments has NOT expired.	c. have not been made; however, the time limit for making such amendments has NOT expired.					
d. X have not been made and will not be made.						
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:						
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
A preliminary amendment.						
14. An Application Data Sheet under 37 CFR 1.76.	An Application Data Sheet under 37 CFR 1.76.					
A substitute specification.						
16. A power of attorney and/or change of address letter.	A power of attorney and/or change of address letter.					
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).	No.					
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT**, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 17 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/US2005/003165		ATTORNEY'S DOCKET NUMBER 00958-06	
20. Other items or information: Small Entity Statement, Post Card Re	eceipt			
The following fees have been submitted	<u> </u>		CALCULATIONS	PTO USE ONLY
21. X Basic national fee (37 CFR 1.492(a))	•	\$300	\$ 300.0	0
22. X Examination fee (37 CFR 1.492(c))				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)			\$ 200.0	0
23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$ 100.0	0
TOTAL OF 21, 22 and 23 =			600.0	0
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
thereof (round up	dditional 50 or fraction p to a whole number)	RATE	0.0	
750 =	fee examination fee or the	x \$250	\$ 0.0	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$ 0.0	0
CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims 24 - 20 =	4	× \$ 50	\$ 200.0	0
Independent claims 2 - 3 =	0	× \$200	\$ 0.0	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$ 0.0	0
TOTAL OF ABOVE CALCULATIONS =			\$ 800.0	0
Applicant claims small entity status. See 37 CFR	atus. See 37 CFR 1.27. Fees above are reduced by ½. $400.00$			
SUBTOTAL =			\$ 400.0	0
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$ 0.00	
TOTAL NATIONAL FEE =			\$ 400.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 0.00	
TOTAL FEES ENCLOSED =			\$	400.00
			Amount to be refunded:	\$
			Amount to be charged	\$

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	,			
A check in the amount of \$	to cover the above fees is enclosed.			
Please charge my Deposit Account No. <u>50-0423</u> A duplicate copy of this sheet is enclosed.	in the amount of \$ 400.00 to cover the above fees.			
The Commissioner is hereby authorized to charge any a Account No. 50-0423. A duplicate copy of this she	additional fees which may be required, or credit any overpayment to Deposit eet is enclosed.			
Fees are to be charged to a credit card. WARNING: Inf be included on this form. Provide credit card informat	formation on this form may become public. Credit card information should not it into any authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
ey L. Sparks rsity of Virginia Patent Foundation Vest Main Street, Suite 300	Rodney L. Sparks Rodney L. Sparks NAME  53,625 REGISTRATION NUMBER			
	Please charge my Deposit Account No50-0423 A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any Account No50-0423 A duplicate copy of this sheet is enclosed.  Fees are to be charged to a credit card. WARNING: Information be included on this form. Provide credit card information where an appropriate time limit under 37 CFR 1.495 Information.			

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE U. S. RECEIVING OFFICE

Serial No. PCT/US2005/003165

Examiner: Unknown

International
Filing Date: 1 February 2005

Title: Compounds that Inhibit HIV Particle Formation

#### Certificate of Mailing Under 37 CFR §1.10 Express Mail No. ED 917 344 035 US

I hereby certify that this correspondence is being deposited with the United States Postal Service using Express Mail Service under 37 C.F.R. §1.10 on the date indicated below and is addressed to Mail Stop PCT, U.S. Receiving Office, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date: August 4, 2006

#### STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.27 (a)(3))

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With respect to the captioned invention, I hereby state that I am an official empowered to act on behalf of the University of Virginia Patent Foundation, a nonprofit organization, and that the University of Virginia Patent Foundation is Tax Exempt Under Internal Revenue Service Code (26 USC 501(a) and 501(c) (3)) and that the nonprofit organization identified above qualifies as a nonprofit organization, as defined in 37 CFR 1.27(a)(3)(B), for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code.

I hereby state that rights under contract or law remain with and have been conveyed to the University of Virginia Patent Foundation.

The University of Virginia Patent Foundation has licensed the rights to the following small business concern: Advanced Genetics Systems.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)(2)).

Respectfully submitted,

Date: August 4, 2006

Rodney L. Sparks, In House Patent Counsel University of Virginia Patent Foundation

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